



WEB PORTAL DEVELOPMENT FOR BILLING MANAGEMENT SYSTEM

CLIENT OVERVIEW

Our client is one of the world's foremost provider of messaging services and mobile enterprise software. Delivering two billion messages per day with a reach of nearly thousand mobile operators, our client is at the forefront of mobile interoperability messaging and the distribution of premium content and value-added services across US, Europe and APAC region.

KEY REQUIREMENTS

- Provisioning of Customer, Invoice Account, Product, Aggregation, Rating, and Fees.
- Provisioning of Operator and Country prices.
- Feature to show details of import and export bulk pricing.
- Generation of Invoices and Invoice Template Management.
- Functionality to ensure secure business transactions to allow billing team to import and export the operator, price, etc. details.
- Develop centralized access system for global users.
- Develop web service client to access enterprise datamart platform.
- User friendly interface which improves the user experience.

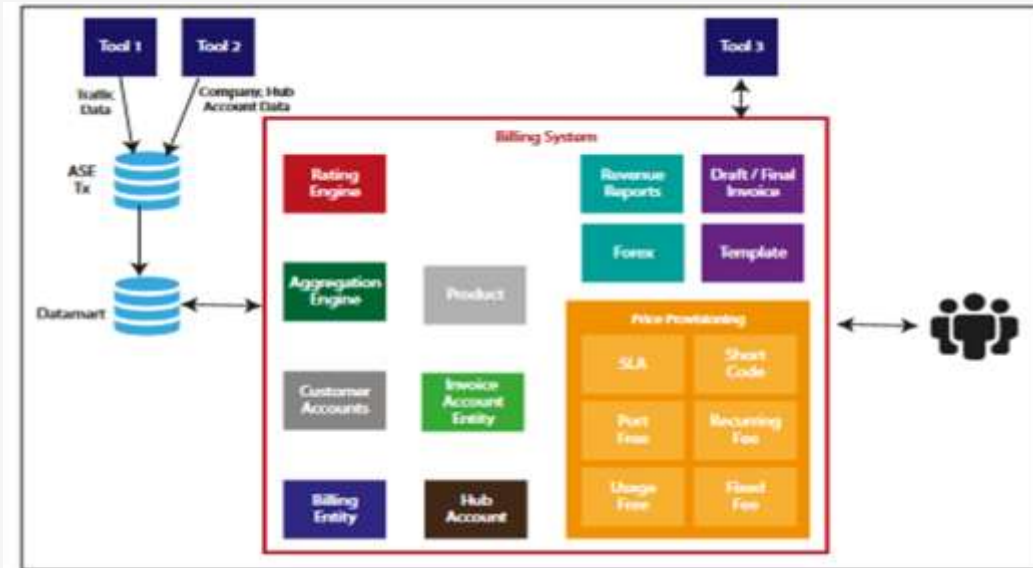
KEY CONTRIBUTIONS

- Designed and re-engineered an existing legacy system into modern web based application.
- Developed thin JavaScript web service client for assessing the enterprise platform using Backbone.js and jQuery.
- Used Backbone.js as the framework to achieve rich UI for the web application.
- Created user interface for provisioning using HTML5, CSS3, Backbone.js and jQuery and REST website services.
- Developed secure platform which allows sales and billing team to Import and Export the Operator and Price details in bulk using Apache Shiro and JDBC.
- Deployed central access system for global users by using Backbone.js and jQuery and REST web services.
- Implemented feature to show details of import and export pricing using Apache, Shiro and JDBC.

KEY BENEFITS

- Reduced the recurring licensing fees by 100% since complete open source stack was used.
- Extended the reach of the system beyond locations from local market to global market.
- Increased the productivity of the data operator personnel by 30% with automated validation of data.
- Automated the provisioning of Operator and country prices ensuring swift transactions globally.
- Deployed central access system to allow different users quick and easy access to the single central application.
- Reduced the manual effort by 30% by automating most of the manual processes.

HIGH LEVEL ARCHITECTURE



TECHNOLOGY STACK

- J2EE
- Spring-JDBC
- Spring-Cache
- REST Web Services
- Backbone.js
- jQuery
- Javascript
- HTML 5
- CSS3
- Tomcat
- Sybase IQ
- Apache Shiro
- SVN



About Xoriant:

Xoriant Corporation is a Product Development, Engineering and Consulting Services Company, serving technology startups as well as mid-size to large corporations. We offer a flexible blend of onsite, offsite and offshore services from our eight global delivery centers with over 2000 software professionals. Xoriant has deep client relationships spanning over 25 years with various clients ranging from startups to Fortune 100 companies.